

CLAIMS

Sub A1

1. An olefin polymer composition which comprises an olefin polymer and inorganic solid dispersed in the olefin polymer, wherein the coagulation degree θ of the inorganic solid satisfies the following expression:

$$0 < \theta \leq 10,$$

wherein θ is a value determined by dividing d by D , d represents a dispersion particle diameter of inorganic solid dispersed in the olefin polymer, and D represents a primary particle diameter of inorganic solid used for being contained in the olefin polymer.

2. The olefin polymer composition according to claim 1, wherein the content of the inorganic solid is 0.001 to 50 % by weight.

3. The olefin polymer composition according to claim 1, wherein the primary particle diameter is 0.1 to 300 nm.

4. The olefin polymer composition according to claim 1, wherein the content of the aluminum hydroxide having a dispersed particle diameter is within the range of 0.1 to 100nm is over 70% by weight.

5. The olefin polymer composition according to claim 1, wherein the olefin polymer is a polymer of ethylene or an α -olefin.

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